

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: ji3m@maxwell.com (James R. Duffey)
Subject: [19573] 10M Sporadic E Last Night
Message-ID: <v02130504af9e243678db@[192.31.66.229]>

There was a short sporadic E opening last night between 0200Z and 2035Z here. I was scanning the band when I heard the tail end of the Yuma Territorial net on 28.4. I gave them a call and chatted with a few members for a few minutes. I then went down to 28.06 and called CQ. I got no takers. Every few minutes I would check the band for activity, including the beacons, but all I heard was the Yuma bunch. Then I heard KC6JRC calling CQ on 28.1 at 0225 Z and we had a nice 10 minute chat before the band folded. He was in Spring Valley, California, in San Diego County. With an opening to a populated area like that there should have been more activity on the band.

There should be sporadic E openings on 10 M between now and the end of July. Monitor the band and get on 28.06 if you hear any activity. Openings can be short so be alert.

See you on 28.06 - Duffey KK6MC/5

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Mark S. Adams" <msadams@acsu.buffalo.edu>
Subject: [19515] 30M DX NOW!!
Message-ID:
<Pine.GS0.3.95.970512211411.23546A-100000@conciliator.acsu.buffalo.edu>

Hi Gang,

I just worked YL2DX from Riga, Latvia at 0115 UTC. He is calling and no one is answering. Go get him.

72, Mark N2VPK
Member of the Buffalo QRP Connection

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: Elmar Vaheer <ekv@intercall.com>
Subject: [19570] 38 SPL D7 which hole to use?
Message-ID: <3378B0A8.20E1@intercall.com>

When putting in D7 it seems there are 2 places to put the anode side of the diode. One goes to pin 7 of U4 and the other goes to pin 3 of the keyer chip. Which is the right one?

72/73
de Elmar KB2VTN

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [19524] Back Issue Correction QQ
Message-ID: <199705130555.AAA09146@chuck.dallas.sgi.com>

Talked to Doug Hendricks on the phone and no, he does not do back issues of the QRP ARCI Quarterly any more. Not enough time and costs have gone up.

Guess the people in CA are getting tired of killing trees and even recycling paper doesn't help all that much.

OK, back to your regularly scheduled programming in progress.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Marshall Emm" <mgemm@mtechnologies.com>
Subject: [19520] CQC Winter QSO Party - Last Chance!
Message-ID: <199705130335.VAA10510@lynx.csn.net>

Here are the PRELIMINARY results of the CQC Winter QSO Party, as published in Low Down.

Please note that SOME LOGS HAVE NOT BEEN LISTED.

We are aware of at least two logs which appear to have been lost. If you submitted a log but your callsign does not appear here, please let us know ASAP! E-mail ME and mail a copy of your log to:

Jim-KG0PP-CQC Contest
P.O.Box 31575
Aurora, CO 80041-0575

Final results will be released as soon as we have this situation resolved, and they will be printed in the next Low Down. We regret the errors and any resulting inconvenience.

Multiple Band Class

Call	CQC #	Pts.	SPC	Names	Score
KF7MD	31	410	49	19	382710
K10J		378	46	17	296596
WOLK	350	272	33	18	162568
N4ROA		268	29	16	125352
WOHEP	1	238	26	14	87632
NF0Z/m7	8	218	21	18	83404
AA0ZR	9	172	23	15	59340
AL7FS	284	164	24	14	56104
AE0Q	174	154	17	14	37652
N0IJK	412	144	17	12	29376
K50I	121	188	12	9	21304
K5ZTY	178	100	16	12	20200
NR5A		108	20	9	19440
N2VPK		96	17	11	18952
KB0SZG	192	73	12	13	12388
KG0TH	112	124	10	9	12160
KA10X	278	86	12	9	10288
W0JF		72	8	8	4608
NOKE	184	54	9	9	4374
WA1QVM		48	8	6	3304

Single Band Class

K3WWP	295	54	8	8	3456
AA1PB		46	9	6	2484
K8LEN	261	44	4	8	2408
W9CUN		40	7	5	2400
KB0WQT	345	16	2	3	1096

WA2BQI 10 2 1 20

73

Marshall Emm

AA0XI/VK5FN

aa0xi@mtechnologies.com

<http://www.mtechnologies.com/mthome>

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: Dave Fifield <fifield@pacbell.net>

Subject: [19527] Dayton Plans

Message-ID: <33786F77.270E@pacbell.net>

Hi, I'll be arriving in Dayton airport at about 4:30pm on Friday.
I have a rental car booked and will be making my way to Days Inn
South (about 30 miles I'm told) for the QRP banquet on Friday evening.

If you are planning on arriving at about the same time and want a free
ride from the airport to Days Inn I'd be more than happy to
accomodate you. Please let me know by leaving a voice mail for me
at (408)721-7937 so that I know a) to wait and b) who I'm waiting for.

Thanks to a "cost saving sharing" plan that my company has, because I
am doing a Saturday night stayover tagged on the end of a business
trip to Fort Lauderdale, FL, I get my airline ticket, hotel, car and
meals FREE!!!! Yippee!!! :-))))))))))))))

See you there.

72, Dave Fifield, AD6AY

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: torell@sicom.com (Kent Torell)

Subject: [19555] Dayton Propagation Report

Message-ID: <v02130500af9e3ec113a2@[192.91.202.41]>

This is not another Dayton joke.... ;-) ... another coronal mass ejection
is on it's way, with expected impact Wednesday night. We could get some
enhanced propagation just before, so Wednesday evening on 20, 17, etc.
should be interesting. Report follows:

----- (from Cary Oler) -----

OUTLOOK:

A confirmed Earth-directed coronal mass ejection observed in conjunction

with today's weak solar proton flare is expected to impact with the Earth on 15 May (probably fairly early in the UTC day of 15 May). Current estimates place the arrival at around 05:00 UTC on 15 May, although this could vary several hours either way. The impact of this disturbance could be preceded by a shock front.

Kent Torell torell@sicom.com 602-607-4852
SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "J. Skalski" <jskalski@acsu.buffalo.edu>
Subject: [19576] DAYTON QRP LIST (final)
Message-ID: <Pine.GSO.3.95.970504171940.9015B-100000@orichalc.acsu.buffalo.edu>

This is a final list of the qrp vendors and hams who will have flea market spaces at Dayton.

Not many responses, but hopefully someone will find this helpful in addition to the FDIIM list. Maybe next year.

I have managed to embarass myself (not really) and my family (really) by accumulating a ton of stuff (literally) some of which will be at Dayton.

Have a safe trip and have Fun at DAYTON
Bring rain gear and sunscreen. I would guess there will be a mix.

Categories

- A- General Suppliers
- B-Inductor Cores
- C-Circuit Board etching supplies
- D-RF Power transistors
- E-Microwave components
- F-Antenna Hardware
- G-Dials and Knobs
- H-Variable capacitors

I-Transformers
J-IF filters
K-Project Cases
L-Project Kits
M-Surplus Parts
N-Vacuum Tubes
O-Mechanical Teletype Supplies
P-Integrated Circuits
Q-Equipment Manuals
R-Test Equipment
S-RIGS-NEW
T-Etched Circuit Boards
U-Wire
V-Crystals
W-KEYS
X-ANTENNAS-NEW
Y-RIGS ETC-USED
Z-OTHER -HAM RELATED

Individuals and Businesses that have responded:

Alan Fryer N3BJ
1 space #2942
V,Y
N3BJ@aol.com

Jim Skalski N2GO
spaces #326,327,328
G,I,K,L,M,T,U,W,Z
jskalski@acsu.buffalo.edu

KANGA US
Table 514
L,V
Kanga@bright.net

NorCal QRP Club
Space 242 (inside Hara Arena)
L
Ki6ds@telis.org

VIBROPLEX
Booth 303
W
W4oa@vibroplex.com

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Doug Hendricks <ki6ds@dpol.k12.ca.us>
Subject: [19559] Dayton Weather Forecast
Message-ID: <3.0.1.32.19970513094428.006ce344@telis.org>

INCLUDING THE CITIES OF...SPRINGFIELD...DAYTON

1015 AM EDT TUE MAY 13 1997

THIS AFTERNOON:

VARIABLE CLOUDINESS WITH SCATTERED SHOWERS AND THUNDERSTORMS. HIGH AROUND 60. SOUTHWEST WIND 5 TO 15 MPH. CHANCE OF RAIN IS 50 PERCENT.

TONIGHT:

PARTLY CLOUDY WITH A LOW NEAR 40. LIGHT AND VARIABLE WIND.

WEDNESDAY:

SHOWERS AND THUNDERSTORMS LIKELY. HIGH AROUND 60. CHANCE OF RAIN IS 70 PERCENT.

State extended forecast

EXTENDED FORECAST:

THURSDAY:

A CHANCE OF SHOWERS. LOWS IN THE 40S. HIGHS 60 TO 65 NORTH AND CENTRAL AND 65 TO 70 SOUTH.

FRIDAY:

FAIR. LOWS IN THE 40S. HIGHS 55 TO 60 NORTH AND 60 TO 65 SOUTH.

SATURDAY:

FAIR. LOWS 40 TO 45 NORTH AND 45 TO 50 SOUTH. HIGHS 60 TO 65 NORTH AND 65 TO 70 SOUTH.

Gentlemen, Start your engines. DAYTON WEEK is here. 72, Doug, KI6DS

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: ji3m@maxwell.com (James R. Duffey)
Subject: [19571] Do I win? Attenuator Calibration
Message-ID: <v02130506af9e280b5f6d@[192.31.66.229]>

Chuck - There are several ways to calibrate an attenuator, or any piece of equipment for that matter. It all depends on who owns the attenuator, who you are, what equipment you have, and where you are.

1. If your employer owns the attenuator and you need it for a critical experiment the folks from the equipment pool will come and remove it from your experiment exactly when you need it the most and send it to the "Cal" lab. In a week or two you will have a calibrated attenuator with calibration traceable to the NBS. Yes, I know it is NIST now, but old habits die hard. Did you say that thing went to 4 KMcps? If you tell them you need it urgently they will pay attention and it will take 2 to 4 weeks and probably need to be returned to the factory. If any position fails to meet the manufacturer's spec they will put a nice bright red tag on it and tell you that you cannot use it on any range, and that you must begin your experiment over again with a new attenuator, even if you did not use the bad range or plan to use the bad range. Simple huh?

2. If you own the attenuator, take it to work. Take it into the lab on your lunch hour. After the kidding about scientists/engineers actually being in the lab working dies out start hooking it up to a signal generator, scope, dummy load, RF probe, spectrum analyzer, and whatever else looks like it might be useful. A technician, Frank, will come over to see what you are doing. He will call over Leo, another technician, " Hey Leo look at what Duffey's got, an old Kay Elemetrics Attenuator". Frank and Leo will talk about what a great piece of equipment it is and ask what you are doing with it. When you tell them you are going to calibrate it they will offer all sorts of hints. Soon they will be fetching pieces of equipment to help you. Then they will start making measurements. They will repeat the measurements. After an hour or so other people, mostly old timers, will have heard of what you are doing and wander in and offer advice. The advice will be both good and bad, but you must take it all. One of them will be the division manager who used to be a tech. He will come in after the whole affair has gone on for a few hours. He will be nice enough not to ask why

you are calibrating something on company time when the company has a nice cal lab. Anyway after this you will have a finely calibrated instrument and the techs will have new respect for your taste in test equipment and think you are crazy for bothering with that old junk.

3. All kidding aside, lets get down to business and do it on Saturday at home when nobody is around to help. I wouldn't use any of your setups to calibrate it, but I am not one for optimum experiments. The second choice is right, right? Given the choice of hte three I guess I would immediately use the third option as the attenuator, the signal generator and the scope are all terminated in their characteristic impedance, 50 Ohms, and that's always a good thing in electronics right? But lets see the first measurement is made before the dummy load and the signal generator will dump most of its power in the dummy load. Also they all have 50 Ohm characteristic impedances so they don't need any termination so configuration 1 should work ok as well. But wait there is more! Since the RF voltmeter does not have a 50 ohm characteristic impedance you probably terminate the attenuator in 50 ohms which is setup 2. Yeah I would use setup 2. To tell you the truth, I wouldn't even think of using setups 2 or 3 on my own. You must have put them in there to make us think. I'll bet I thought of the wrong answer. The other fellow's problem is never as interesting as your own. Oh well-more interesting things follow. On to my ways of calibrating the attenuator;

a) I would build some 50 Ohm pi attenuators from precision resistors in varied values, say 3 dB, 10 dB, 20 dB and 30 dB. With a large selection of precision resistors one can easily fabricate accurate values of attenuation pads from specially selected values. I would then compare the attenuation of the attenuator to my "standard attenuators". You could do this with the correct set up you show, but one does not need a sophisticated setup or laboratory quality test equipment to do this. You can use your transceiver with the AGC turned off. Hook up the attenuator between the antenna and the transceiver. Pick a noisy band. Get a 8 Ohm to 600 Ohm transformer from Radio Shack. Connect the 8 Ohm leads of the transformer to the audio output of your transceiver. I would then connect the 600 Ohm leads to my Simpson 260 which has a Vu scale which is calibrated in dB. If you don't have a Simpson or equivalent analog multimeter you can purchase a 600 Ohm Vu meter surplus. Just flick the switches on the attenuator and see what the changes on the meter are. Make a nice graph using a spreadsheet. There are some things that those new digital multimeters don't do as well as an old analog multimeter. Now what if there isn't enough noise on the band you are interested in? Generate your own. Just bring an electric drill or electric razor or lamp dimmer near the antenna. If you have a beard you can construct a noise source from a buzzer or door bell from Home Depot. Put the buzzer in a shielded (metal) enclosure, but bring one of the leads between the battery and buzzer out of the box. Make a big loop in it. Hold it near the antenna. Presto!, a nice broad band noise source. What you say, the antenna might not be 50 Ohms? No problem, just build another 3 dB 50

Ohm attenuator from precision resistors and hook it up between the antenna and the attenuator you are calibrating. This insures that the attenuator sees 50 Ohms. This added attenuator doesn't have to be precisely 3 dB as it doesn't figure in the calibration except to provide the proper termination.

b) I like to use a spectrum analyzer whenever I have the chance. Even if it is overkill, it is such a neat toy I can't resist using it. Got to get my own someday. Since you have admitted to owning (or at least purchasing) a "fine spectrum analyzer" I would use it to calibrate the attenuator. I am sure that your spectrum analyzer has its own calibrated built in attenuator. Just hook up the spectrum analyzers tracking generator, 50 Ohm output, to the attenuator input, also 50 ohms, and hook the output of the attenuator, also 50 Ohms, to the input of the spectrum analyzer which should have a 50 Ohm position. Then you flick the attenuator switches and compare the attenuation of the attenuator under test to that of the attenuator in the spectrum analyzer. Most spectrum analyzers have a logarithmic scale so you can measure dB directly. This will, as a bonus, give you a nice calibration curve as a function of frequency. If your spectrum analyzer does not have a tracking generator you can use a noise source. For spot frequency relative measurements it does not have to be calibrated. A nine volt battery, a 6 volt Zener diode, a current limiting resistor and a 50 Ohm resistor (all from Radio Shack) make a fine noise generator, the design of which is left to the reader, if he has gotten this far.

c) You could also use the scope calibrator. Calibrator to attenuator to scope input (50 Ohms); then use the logarithmic scale to measure the attenuation or compare it to standards. Disadvantage-the calibrator usually runs at a low frequency.

In short, Chuck, it seems like you have chosen the least fun, most dull way to calibrate the attenuator! Also you have neglected the way I usually treat high quality used test equipment; the path of least resistance;

d) If it is an expensive piece of equipment, and it does not look like it has been abused, I assume the calibration is correct and use it without worrying about calibration. I like to live dangerously. If you get some inexplicable results using it down the road you can always check the calibration of the attenuator when all else fails to explain the results you get. This gives you the opportunity to post a humorous tale to the list on how you overlooked the obvious. This method is most successful when the piece of equipment has a recent "Cal. sticker" on it, which much of the used test gear I see these days has.

Well you can use an attenuator in many ways, to measure antenna gain, to measure signal to noise ratios, to calibrate scopes and meters, and to calibrate other attenuators. You are right, I wouldn't transmit into this

piece of gear either, but you can use it to calibrate pads you build to accurately attenuate the transmitters power.

By the way Chuck you should always counter offer at hamfests. Two thirds the asking price is a good starting place. If the item being bought doesn't work that should be mentioned in the counter offer. You probably could have gotten it for \$8 or so.

I see this contest has limited rules. Loophole alert! Bribery of judge not specifically prohibited!

(Hey Paul-I have a bottle of Negra Modelo and a plate of Green Chile Chicken Enchiladas with your name on it the next time you are in Albuquerque.)

The story you have just read is true. I have not changed the names in order to recognize the guilty.

Oh yeah - Keep one hand in your pocket. - Duffey KK6MC/5 (KK6MegaCycles)

James R Duffey KK6MC/5 DM65
30 Casa Loma Road
Cedar Crest, NM 87008

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: JAlexan706@aol.com
Subject: [19510] DX QSL????
Message-ID: <970512190752_-164020004@emout18.mail.aol.com>

I worked A61AN and ARRL Will not send the QSL card to him by the bureau. Does anyone know I should go about getting a QSL Card from him? Many thanks.

73

KB0PTE

Wayne

QRP-L # 1058

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Gregory J. Buhyo" <buhyo@vt.edu>
Subject: [19580] Electronic Keyer Use (summary)
Message-ID: <199705132016.QAA15828@sable.cc.vt.edu>

Several folks asked that I post a summary of the responses I received regarding electronic keyer use. The response details varied and I will summarize the most salient points by keyer type. The number of respondents using each keyer type is given in parentheses immediately after the keyer name.

MFJ Econo-keyer (3) --- cheap, small, no problems, no memories. (If I'm not mistaken, however, this keyer uses the Curtis chip.

MFJ - Grandmaster (2) -- has memories, no problems reported, larger size (Don't know if it handles grid-block keying)

Radio Adventure Code Boy (2) -- very small, does not use Curtis chip, CMOS proprietary chip, very nice timing, uses 3V battery, has facility for straight key auto spacing, seems somewhat susceptible to RF (this is not a firm belief, but a maybe it is susceptible to RF).

Super CMOS keyers -- homemade units (2) --- great default timing, selectable timing, memories, slick implementation, uses little current, can be packaged small or large depending on taste or requirement, inexpensive, cheap, very adaptable to changing needs, handles solid state as well grid-block transmitters.

LOGICKEY Super CMOS implementation - prebuilt (4)--- same as above since it is the commercially built version of the Super CMOS keyer. Problem --- LOGICKEY no longer produces these. EEB in Vienna, Virginia used to sell them.

Tejas kit keyer (2) -- small Curtis chip implementation. Simple, effective and cheap. Again, I think these kits are no longer available. No memories.

TiCK keyers (2) -- slick small keyer kits which can be inserted in radio or built into very small enclosure. Excellent timing with options for memories and other keying timing adjustments. Cheap. First class quality. Owners are VERY satisfied. They have a web page but unfortunately I do not have the address with me here. A simple web search ought to ferret them out.

AEA MM3 Morse Machine (5) -- owners love it -- does about everything, memories, CW training and so on. I'm sure most of you are generally familiar with this keyer. We could not avoid the ads for years !! AEA stopped making these some time ago -- before they went belly up themselves.

Well, folks, that's about it. I hope this information is useful to those of you who might be interested. Again, I was simply overwhelmed by your willingness to help. As you can see, twenty-two of you took time out of your own hectic schedules to provide very helpful information. Thank you very much.

73, Greg K2UM

Gregory J. Buhyoff
Julian Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Phone: 540-231-5148

E-mail: Buhyoff@vt.edu

FAX: 540-231-3698

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Gregory J. Buhyoff" <buhyoff@vt.edu>
Subject: [19566] Electronic keyers -- Thanks, all
Message-ID: <199705131745.NAA16742@sable.cc.vt.edu>

Many thanks are extended to the many fine folks on this reflector for the excellent reviews of their experiences with various keyers. In addition, I would like to say thank you for the courteous responses. I was overwhelmed by good advice and detailed answers. I only received one "lecture" from an individual who told me I should be building my own even though I indicated I did not have the time now. I answered that person with the details of why my time was limited and he noted that he thought I should give these details in my original message. I don't. And, I am happy that the rest of you are so generous and polite. That is what makes this reflector what it is.

Thanks again and 73,

Greg K2UM

Gregory J. Buhyoff
Julian Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Phone: 540-231-5148

E-mail: Buhyoff@vt.edu

FAX: 540-231-3698

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [19539] FS: ARK4
Message-ID: <199705131235.HAA10026@shell.dialnet.net>

I am trying to raise cash for another radio, so I will offer my ARK4. It is factory wired, 40 meter synthesized CW rig, 4 watts out, with a built in keyer. Works real good. This is a neat little rig. Price from S&S Assembled and tested is \$269.95 w/o the keyer. I am asking \$175 with the keyer. Please Email direct for more information. Thanks and Best Regards,

Kelly Ellison
WB0WQS
Aurora, Missouri
QRP-L #702
kelman@dialnet.net

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [19537] FS:HW-9, HM-9
Message-ID: <v02130500af9dcea7990d@[152.15.144.13]>

For sale:

HW-9 with all 8 bands installed
HM-9 matching QRP power meter

Included: original manuals for HW-9, HWA-9 4 band add-on kit, photocopy of partial HM-9 manual, and a copy of Mike Bryce's "HW-8 Handbook".

\$300 or best offer including UPS in US.

I got these last week in a trade and do not need 2 of either. They both appear to be working good and are about 8 in appearance and being sold as-is. I worked NH Sat. afternoon on 30m with the HW-9. The only visible mod to either is a TenTec folding bale added to the bottom of the HW-9. A great addition that was very nicely done.

Rick Robinson kf4ar
rerobins@email.uncc.edu

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [19569] half-size verticals
Message-ID: <Pine.SOL.3.94.970513140311.13062E-100000@utkux4.utcc.utk.edu>

For those who read themselves to sleep, I have add another 5-part item at the site on half-size verticals and methods of loading. Covers full-size and capacity hat models, along with lumped constant and linear base loading. Does not get exciting until part 4, which is non-hat top loading, including linear, zig-zag, and helical fold-back loading. The last section has a little surprise--a spiral hat. (Just read what I wrote here and asked myself "Should I really talk like that on a radio list?") Forget part 6 unless you want to replicate models because it is 44 KB of descriptions of the models used in parts 2-5. 3.6 MHz is the target, since few folks want a 67' vertical unless they already have a tower.

Hope it is useful to someone, and hope these notices are not a bother to the group.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215	
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335	
Knoxville, Tennessee	/\	\	\	\	/	/		(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\	\					cebik@utk.edu
URL: http://funnelweb.utcc.utk.edu/~cebik/radio.html										

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [19523] Harris DSP Chips
Message-ID: <2.2.16.19970512215648.334f6768@popd.ix.netcom.com>

Here are some part numbers for those interested in developing a digital Rx:

Harris Semiconductors:

HSP50016 - digital downconverter. 52 MHz input, 16 bit data, quadrature output, decimation factor of 64 to 131,072. This is basically a digital mixer. Takes a digitized IF signal and converts it to baseband.

HSP43168 - Dual FIR filter. Two of these together can be used to do complex filtering. It is possible to design up to a 256 tap filter with this device.

Contact Harris for their latest data book. They didn't charge me for it, & it's got some interesting parts.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: "Carol N. Wright" <cnw@HiWAAAY.net>

Subject: [19511] Hookup wire!

Message-ID: <Pine.OSF.3.94.970512183642.6723B-100000@fly.HiWAAAY.net>

Hey Gang,

I'd like to thank the Gang for the responses on the hookup wire. I'll be checking with Radio Shack, Dave, and Dick at OHR about some hookup wire. I appreciate it, just wanted everyone to know that I am grateful to the list and that I'll be trying to get some of that hookup wire. Thanks and Best 72/73 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: Bill Todd <bill@techline.com>

Subject: [19528] IOTA Web Page

Message-ID: <1.5.4.32.19970513070605.006a8110@mail.techline.com>

Hello QRP-L & NWQ-L -

Does anyone know if the IOTA Island Group has a web page?

A friend of mine is going on a trip in the San Juan Islands, and wants to know if the various Islands have IOTA numbers.

Thanks - Bill-N7MFB

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "James R.Sharp" <lobar@doitnow.com>
Subject: [19522] LDG AT11 SIP OKAY
Message-ID: <199705130506.WAA26181@in1.doitnow.com>

I've completed about 95% of my AT11 tuner and saw the thread about the SIP possibly being 100 ohms. Of course mine was already installed! Well I checked it and it IS 1000 ohms as it should be. Very surprised because with my luck I expected the SIP to be wrong.

Hope to make the time to finish it this week.

cul 72 KC7GHP Peoria Arizona

```
#####  
##### "He who would trade liberty for security #####  
#####          deserves neither!"          #####  
#####          Benjamin Franklin          #####  
#####
```

James R.Sharp
lobar@doitnow.com

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: sjs@cfu-cybernet.net (Sutterer, Stephen J.)
Subject: [19558] March 1970 QST located
Message-ID: <19970512020151025.AAD107@CFU.cfu-cybernet.net>

Thanks to all for the response on the March 1970 QST!
A copy has been located and the article is on the way!
Also, it was noted to me that past articles are available direct from the ARRL for a slight charge.
73/72,
Steve AK0M

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Ed Loranger <we6w@qsl.net>
Subject: [19565] Member Numbers

Message-ID: <3378A7B2.1753@qsl.net>

Recently Joined NORCAL. Also joined ARCI 2 Months ago.

How do I find out my member numbers to these groups?

Any help appreciated.

-Ed Loranger

--

72/73 de WE6W QRP .3W QSX 7040 KHz SK ee (First and Last callsign!)

HW-8;OHR-100, Pixie2, Johnson Viking II w/VFO.

mailto:we6w@qsl.net QRP-L member #1068.

<http://www.qsl.net/we6w>

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: klh@cbqaa.cb.lucent.com

Subject: [19543] MRX-40 receiver

Message-ID: <199705131337.JAA01502@alig1.firewall.lucent.com>

Hi all,

I put the MRX-40 receiver from Steve Bornstein together with no problems. That should confirm that it is 'idiot proof'. I didn't need another 40 mtr RX, but this is neat because it is complete. The pots are silky smooth. I plan to use it with my boombox to monitor the freq. Maybe I'll plumb it up to my car radio to prove to my carpool that I'm crazy. I need to put a couple on 80 and 75 meters to monitor some frequencies.

But first, mod time.

72,

Kaye KD8EK

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: "Jeff M. Gold" <JMG@tntech.edu>

Subject: [19544] norcal 40 parts

Message-ID: <01IITC8A634Y8WW8V0@tntech.edu>

Anyone know where I can get these:

MVAM108 for the Norcal 40a

also want a ten turn 10K pot for tuning.

tried to fiddle with changing out the pot.. broke D8 and only had a 5k pot (seemed to really shorten bandwidth). Also now no transmit.. guess I needed some more work :*)

thanks

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: N9DD@aol.com
Subject: [19521] Parts for Epiphyte SSB Xcvr
Message-ID: <970513001924_-1030287671@emout16.mail.aol.com>

Hi Gang

Among my numerous unfinished projects is a 90% completed Epiphyte transceiver. This is a simple 75 mtr SSB Transceiver that has been described in QRPp and SPRAT - I'm sure that many of you are familiar with it.

I lack a few of the more difficult to find components - most notably the Murata 455J1 filter (I know you can get it from England, but I haven't tried that route yet), CA3020A linear IC, FB43-2401 Ferrite Bead and the MVAM108 diode.

Is there someone going to Dayton that has extras of these components that they might be willing to bring? I'll be happy to pay any reasonable price for them. I will be attending all the QRP festivities from Thursday morning until Sunday afternoon. Any help finding the last few components I need would be most appreciated.

Thanks and 73!

Tom N9DD

Soon to be Dayton-bound

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [19525] PC board layout
Message-ID: <199705130557.AAA09158@chuck.dallas.sgi.com>

Wanted, someone with the software and resources to lay out

the Pixie on my web page. Hopefully we can get FAR circuits to do it and help lots of people experiment with a kit that should be under \$7 total.

Let me know.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: SCN User <nwqrp@scn.org>

Subject: [19514] Pictures too! ... Re: NWQRP Database

Message-ID: <Pine.SUN.3.96.970512181043.20763A-100000@scn>

QRP-L

Yes, I forgot to mention that the database now is multimedia ... so If you are a member of NWQRP and you have a gif or jpeg image of you and/or your shack ... shrink it to 10k or less and attach it to an email file to nwqrp@scn.org or ask for your NWQ record's password (also via email, same address) and we can allow you to maintain your own "page" of data/image!

--Brian, KV9X

On Sun, 11 May 1997, SCN User wrote:

> Howdy QRPers!

>

> Yes, the NWQRP database has been replaced by a more versitile
> and easily searched WODA (Web Oriented DAtabase).

>

> Please give it a try! <http://www.scn.org/ip/nwqrp/woda/>

>

> --Brian, KV9X

>

> i NorthWest QRP Club

> -=[scn]=-

>)|(nwqrp@scn.org

> /_|_ \ <http://www.scn.org/IP/nwqrp>

>

--0---/\--
/^\/^\/ ^^\
--NW QRP--

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [19518] Pre-Post Dayton Shack Cleanout
Message-ID: <3379c142.290082810@smtp.usit.net>

The Benchers, MFJ Keyer, and 38 Special are spoken for at this point.

I also have made a *serious* pricing error!

I was asking \$195 for the Outbacker, Jr. 4 ft. HF Mobile antenna (80-10m). The NEW, CATALOG price with AES is \$229!

So, I re-offer the antenna at \$140 including shipping lower 48 via priority mail (USPS 2 or 3 day delivery).

Also available is:

MFJ 9040 CW Transceiver (QRP) for \$110 PLUS shipping

Alinco DJ-160 2m Handheld with carry case, two batteries, and wall charger for \$165 plus shipping

TenTec Argo 556 with NB and *ALL* HF band modules (160-10m) -- will *not* separate band modules -- for \$650 plus shipping -- THIS IS A =46IRM PRICE! (Can you tell I really don't want to sell it?)

Sanegean 803 (RS DX-440 label) general coverage receiver with FM broadcast, BF0, narrow/wide filter, Scan, 10 memories for \$120 plus shipping.

The cleaning continues ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Peter Barville <peter@barville.demon.co.uk>
Subject: [19577] QRP+ .. Latest findings
Message-ID: <og3y\$XAFaLezEwyu@barville.demon.co.uk>

I was talking yesterday about biasing problems with the QRP+. In fact, I have now discovered that I'd made a mistake - the QQ article talked about an increase in standing current **to** around 900mA, and NOT **of** 900mA. Apologies for my error.

I discovered that an increase in current of around 550mA, to about 960mA produced a clean 2 tone trace on the scope (and now no sign of instability, of course). However, this was still with only a tiny amount of output power - maybe 500mW max.

I decided to do another of the QQ mods, and increase R16 on the XMTR board, in the hope it would decrease the alc action, and thus enable the rig to run more power on ssb. I also decreased R17 to 100 ohms (as suggested, to speed up alc response time). Having done that, my output power dropped to (pretty well) nothing! So, I then lifted R17 completely, thus removing all alc action (and output reading on the meter). Bingo, I can now run the rig with a 2 tone input up to the point where it begins to flat-top (around 2 to 3 watts).

My question is, why am I apparently suffering from such severe alc action? It's pretty well impossible to monitor voltages etc when the boards are re-installed, but I assume too much voltage is being applied to pin 2 of U2 on the AF Board.

Synthesiser Problem -----

My rig has a serious chirp on 17m cw, but has a reasonable note on all other bands.

It occurred to me that 17m coverage would be at the extreme end of the range of either the middle vco, or the highest (68MHz - 79.7MHz) vco. Maybe the synthesiser was struggling to stay in lock - a suspicion borne out by the fact that the chirp is worse on this band if the IRT is switched on.

Then I discovered that the rig appears to swap from the middle vco to the highest vco as you tune across 18.129 (approx). It produces quite a noise burst as it does so. Low and behold, bad chirp 100Hz below the changeover point, and (almost) no chirp 100Hz above!

I conclude, therefore, that the middle vco is only just locking at the

top end of its coverage, but that the top vco is quite happy at the bottom of its range.

Question is .. can one move the changeover point to just below 18068KHz? Alternatively, how could I improve the lock state of the middle vco?

Any help/comments would be appreciated. I'll get this Cube knocked into shape yet!

--

72, Peter G3XJS (<http://www.barville.demon.co.uk/qrpinfo.htm>)

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Bob Lockwood <Robert.Lockwood@tek.com>
Subject: [19512] QRP+ For Sale
Message-ID: <01BC5EFA.3EC19440@wahoo.cse.tek.com>

My dad has a QRP+ with matching tuner/battery and the recommended mike, all in excellent shape.

He is asking \$675 plus shipping for the package.

If interested, please contact him at:

Bob Lockwood (W4FXI)
email: rlockwoo@runet.edu

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Wayneb1103@aol.com
Subject: [19517] QRPp
Message-ID: <970512213950_484347222@emout06.mail.aol.com>

Could whomever handles the subscriptions for QRPp send me your email adr.
Thanks.

Wayne WB7WHI
Spokane, Wa.

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: KG0ZT <pugrad@millcomm.com>

Subject: [19519] QRPTTF - Mystery Cave, Minnesota

Message-ID: <Pine.GS0.3.95.970512214112.23561A-100000@midas.millcomm.com>

Everything was perfect... the weather, equipment, food, and location. Our operating site for the April QRPTTF adventure was Mystery Cave State Park in Southeastern Minnesota. The park grounds are in a picturesque valley in a fairly remote area nestled in the rolling hills.

"Murphy" made me, Dave - KG0ZT, about 20 minutes late picking up my partner, Tony - AA0SM. However, that would be the only time "Murphy" would interfere with our plans all day. Compared to some for whom "Murphy" was a constant companion, we feel very fortunate.

First order of business was to get the "stock" SLV setup and a rig on the air to check propagation. Two quick contacts on 40 meters and hearing signals on 20 meters... we can just feel a productive day ahead. Time to put the 102 foot dipole fed with ladder line up. Again "Murphy" was elsewhere, and we got the dipole up 30 plus feet in record time. Now time for some serious operating.

Propagation was up and down. We might have done better up on the ridge, but the valley was so calm and peaceful (not to mention convenient) that we didn't even consider playing mountain goat to get to the ridge.

We made 35 contact to 21 S/P/C's in just over 7 hours... 13 contacts on 40 meters and 22 contacts on 20 meters. We worked 7 states on 40 meters and 15 states on 20 meters. The only state we worked on both bands was MO. After all the calculations we earned 2,100 points in the homebrew and under 5 watt categories. Tony tried SSB with his Cascade but to no avail. He was hearing lots of signals but no responses. Like others have said, stick to CW for the QRPTTF events.

A highlight for us was a visit by our friend Ron, WB0SOK and his family. We encouraged him to make a couple of contacts. He's a CW operator from way back. In just a couple of minutes he worked NY and CA on 20 meters with 3 watts using his callsign (not counted in our score). Needless to say, he had been interested in QRP... now he's been caught, landed, and put on the QRP stringer. We sure hope he will be part of our team for future QRP expeditions.

For those of you we worked, our 'limited edition' QRPTTF Spring

'97 QSL cards are in the mail. We look forward to getting yours in return.

Like many others have noted, the idea was to have fun. We can say without any reservations, we had fun!!!

Below are all our statistics and a copy of our log.

KG0ZT - QRPTTF '97 Statistics

Statistics:

Max power: 5 watts
Mode: CW (we attempted SSB with no success)
Operating time: 7 hours 5 minutes (4/26/97, 1509Z -> 2214Z)
Location: Mystery Cave State Park in SE Minnesota
Callsign used: KG0ZT
Operators: Dave Cary - KG0ZT
Tony Drumm - AA0SM
Rigs: OHR 400, OHR Exp II 40 m, OHR Exp I 20 m,
Cascade, MFJ-971 QRP Antenna Tuners (2),
OHR WM-1, Embedded Research Atomic-1 keyer,
mouse keyer
Antennas: 102 foot dipole at 30+ feet fed with ladder
line, "stock" SLV fed with 300 ohm TV twin lead
Power sources: Gel cell and a lawn tractor starting battery

Total QSO's: 35
Total SPC's: 21 including the District of Columbia (DC)
20 m QSO's: 22
20 m SPC's: 15 AZ,CA,CO,CT,DC,FL,MA,MO,NH,NM,NY,OR,PA,TX,WA
40 m QSO's: 13
40 m SPC's: 7 AR,GA,IN,KS,MI,MO,NE

Only state worked on both 20 m and 40 m was MO

Points earned:

	5 Watts	Fld loc	HB equip	
20 m (22 QSOs * 5pts/QSO)	*	4	*	3 = 1,320
40 m (13 QSOs * 5pts/QSO)	*	4	*	3 = 780

Total ---> 2,100 points

Log for QRP To The Field - April 26, 1997

#	Date	UTC	Station	OPR	SENT	RCV'd	Freq	State
1.	4/26/97	1509	WA8LCZ	DC	559	539	7.041	MI
2.	" "	1536	K0LWV	DC	339	339	7.042	MO
3.	" "	1538	W1VT	TD	569	569	14.057	CT
4.	" "	1541	N7VE	TD	559	559	14	AZ
5.	" "	1544	N6MM	TD	569	579	14	CA
6.	" "	1548	W8GQ	DC	559	559	7.040	MI
7.	" "	1558	KG0MZ	DC	559	559	7.040	KS
8.	" "	1559	W4QO	TD	339	339	14	MO
9.	" "	1613	AA7QU	TD	559	559	14	OR
10.	" "	1619	W7HQJ	TD	539	529	14	WA
11.	" "	1630	W5VBO	TD	579	559	14	AZ
12.	" "	1635	K3VOA	TD	559	579	14	DC
13.	" "	1704	N6KR	DC	339	439	14.062	CA
14.	" "	1711	KG2H	DC	559	559	14.062	NY
15.	" "	1750	KA1AXY	DC	559	529	14.059	NH
16.	" "	1804	W0CQC	DC	559	559	14.061	CO
17.	" "	1817	AD8K	DC	559	579	7.040	MI
18.	" "	1821	K0FRP	TD	559	559	14	CO
19.	" "	1827	K1CL	TD	559	559	14	MA
20.	" "	1832	NF0R	DC	559	559	7.038	MO
21.	" "	1837	N4BP	TD	559	559	14	FL
22.	" "	1916	K9PV	TD	459	569	14	NM
23.	" "	1935	K5RAC	TD	549	559	14	TX
24.	" "	2005	WB6LRV	TD	549	449	14	CA
25.	" "	2019	WA3WSJ	TD	569	339	14	PA
26.	" "	2033	W5ON	TD	559	559	7.044	AR
27.	" "	2045	WB8MWR	TD	559	459	7.038	MI
28.	" "	2049	W8TIM	TD	579	549	7.039	MI
29.	" "	2105	W4ED	DC	559	559	7.040	GA
30.	" "	2116	W0EUT	DC	559	559	7.041	NE
31.	" "	2119	K09C	DC	599	599	7.041	IN
32.	" "	2140	N9FGC	DC	559	559	7.039	IN
33.	" "	2158	K10J	TD	449	559	14.061	TX
34.	" "	2203	WB4TPW	TD	589	579	14.062	OR
35.	" "	2214	KV7X	TD	599	599	14.060	WA

DC = Dave Cary - KG0ZT

TD = Tony Drumm - AA0SM

```

*****
*
* 72 / 73 KG0ZT Dave Cary Rochester, MN
* ARRL VE QRP-L # 979
*
* pugrad@millcomm.com
*
*****

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From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
 From: Evan Deutsch <EDeutsch@DMBB.com>
 Subject: [19541] QSL Route
 Message-ID: <s3782b1a.044@DMBB.com>

I worked 9K2RR Friday and can't seem to find a route for him. Anyone know of anything?

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
 From: adams@chuck.dallas.sgi.com (Chuck Adams)
 Subject: [19516] Relay de W1FMR
 Message-ID: <199705130117.UAA08160@chuck.dallas.sgi.com>

This following message from Jim, W1FMR.

-----cut here-----

Hi Gang

AE1D & W1FMR will be arriving at Dayton Airport

at 4:30 on Wednesday

72/73 Jim, W1FMR <><

mvjfm@mvubr.mv.lucent.com

-----SNAP-----

Chuck Adams K5FO CP-60 adams@sgi.com

<http://reality.sgi.com/adams/>

WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: ptaber@microtest.com

Subject: [19547] Re[2]: USA QSL Bureau closing

Message-ID: <9705138635.AA863535408@microtest.com>

>times. And before anyone takes off on this thread, I am opposed to electronic
>QSL cards. Guess I'm old fashioned and like collecting little scraps of
>paper and card stock. Electronic QSLs and the idea seems so remote
>and isolated.

I love the old fashioned kind too, but obviously it's a hardship for some people. Something has to be done. Changing people's behavior is probably out of the question. ARRL has been very uninterested in doing a domestic QSL buro.

It would be nice if contest logs could be compared for matches and used as evidence for awards. Again, there's no requirement that testers submit logs, but you stand a better chance of getting a match off the log of some high profile operators than you do a QSL and costs could be born by the person looking for confirmations with no additional cost to the high-volume stations. I don't know that there'd be an increase in contest activity if the people who work the contest have a chance to get an official "confirmed" list back, but it's something to think about.

But I think I've worn out my welcome in the ARRL QSL buro....

>>>==>PStJTT

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: kd4kzq@juno.com (Jim A Norsworthy)

Subject: [19560] Simple Tuning Indicator

Message-ID: <19970513.120230.6815.2.kd4kzq@juno.com>

It's the dumb question man again,

I thought that I say a thread on this list awhile back about an LED tuning indicator. Seems like you tuned for the brightness or dimness

of the LED. I thought that I was interested in the St. LOuis Tuner but I found an old MFJ-901B [versa tuner, no meters] and I thought that if memory served me correctly I could use the LED arangement with this tuner and the St. Louis Vertical for a multi-band portable antenna. Also if there is such an LED indicator how much power will it and a stock SLV handle. One more thing, Is the SLV aftermarket coils multi-banded [improvement over origional design] or mostly for a single band?

TNX,
72/73 es CUL de Jim KD4KZQ
QRP-L # 1060 10-10 #66171
kd4kzq@juno.com
" Less is REALLY more" think about it

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Raventhorne <jelder@ix.netcom.com>
Subject: [19550] SoCal Centennial Group Buy
Message-ID: <2.2.16.19970513075728.36e71e38@popd.ix.netcom.com>

For information about the Centennial 75m SSB Xcvr kit see Dan's Small Parts
URL: <http://www.fix.net/dans.html>

I intend to mail out the group order on Friday, 5/23/97. All checks must be received by that day's mail. Checks must be made payable to Dan's Small Parts. If your check arives late I will void and destroy it.

If you plan on picking up the rig in person the total amount of your check should be \$59.95. You can pay me your share of the shipping (\$1.00 or less) when you pick up the kit. I live and work in El Segundo, just south of the Los Angeles airport.

If you do not plan on picking up the rig in person, your check should be for the amount of \$63.95 (59.59 for kit, 4.00 for postage) and you MUST include your desired shipping address. Dan will ship the kit directly to you.

This group buy is for the 75 meter version. The 20 meter version is not currently available. Please include your name, address, phone number, email & call sign with your order.

If you have any questions, call me at work: (310) 322-1614 or drop me email. Mail checks, PAYABLE TO "DAN'S SMALL PARTS" to:

John Elder
1224 E. Acacia Ave.

El Segundo, CA 90245

72,

John

@~~~

@ John Elder, Ko6TS

@ PHROG (Pagan Ham Radio Operators' Guild)

@ Box 232, El Segundo, CA 90245

@ So many fools, so few comets . . .

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: Elmar Vaheer <ekv@intercall.com>

Subject: [19568] Super Keyer CMOS III Trouble Fixed

Message-ID: <3377B79A.2A61@intercall.com>

Hi Guys and thanks again for the recent replies with your suggestions regarding my post about the keyer trouble.

It was noted that the superkeyer has a reset command feature. Pressing buttons 1,3,4 and 6 simultaneously and release which will erase all settings and messages from the EEPROM memory.

Here is the outcome:

I sent Idiom Press a letter about the problem. They responded by having me write checks for \$10 and \$4 dollars and mail them the chips for testing.

It turned out that the microcontroller was bad so they kept both checks for cashing and mailed back a new microcontroller chip. Looks like they sent back the old 8 pin chip. Plugged em in and power up with a CW "OK" problem has been solved. Had the microcontroller chip been ok, they would of replacce the other chip with a new resonator for \$4.

72/73 de Elmar KB2VTN

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: tgordish@concentric.net

Subject: [19574] Tri band rig?

Message-ID: <199705131854.0AA07518@mcfeely.concentric.net>

QRP Folk,

Does anyone have a design for a three band QRP rig? SSB, and CW both on 40, 20, and 15. No band modules, and need be only limited coverage of the bands, or simply use VXO's.

I am looking to build a home station that uses an antenna design from a QST issue from last year. This antenna was a vertical on these bands that requires no switching or tuning. I thought this would be ideal coupled with a matching rig! It would be very convient to use, and requires no antenna tuner.

Any thoughts?

73 de Tim
kb9lgj
QRP-L, IDEA, NorCAL
Winner of the QRP-L Novice/Tech+ Fox "Booby Prize"

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Harvey Hetland <n6mm@earthlink.net>
Subject: [19536] USA QSL Bureau closing
Message-ID: <3378B959.6F8B@earthlink.net>

The following statement currently appears on the home page of the USA QSL Bureau:

<http://members.aol.com/usburo/index.htm>
e-mail: usburo@aol.com

DUE TO THE GENERAL LACK OF INTREST (sic) AND SUPPORT FOR A DOMESTIC QSL BUREAU EFFECTIVE AT MIDNIGHT MAY 14, 1997, THE USA QSL BUREAU WILL CLOSE ITS DOORS. ALL IN HOUSE QSL CARDS, DOMESTIC AND DX WILL BE FORWARDED OR RETURNED (WITH A 5 CENT PER CARD CREDIT CHECK) TO SENDING STATIONS. ALL OPERATORS THAT HAVE SUPPORTED US OVER THE LAST 17 MONTHS AND HAVE A ACCOUNT BALANCE DUE THEM, WILL BE SENT A FULL AMOUNT REFUND CHECK WITHIN THE NEXT FEW WEEKS. ALL OPERATORS WHO HAVE SUPPLIED SASE'S FOR FILE, WILL ALSO HAVE THOSE SASE'S RETURNED TO THEM.

Several on the list have commented that they used this service, but I have not noticed any comment about this closing. Therefore, the posting of the above information. Please do not shoot the messenger, hi.
73, Harvey, N6MM.

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: buhyoff@vt.edu (Greg Buhyoff)

Subject: [19535] What are using for a keyer?
Message-ID: <v01540b04af9df9a1efd1@[128.173.78.57]>

I am looking for a high quality electronic keyer with or without memories -- preferably with. I don't care for the Curtis chip timing. I am familiar with the SUPER CMOS series of keyer circuits, but right now I don't even have the time to build a simple box. Does anyone know of anything that might fit the bill? I sure appreciate any and all responses.

73, Greg K2UM

=====
Greg Buhyoff
Julian N. Cheatham Professor
Virginia Polytechnic Institute and State University
Blacksburg, Virginia 24061

Office Phone: 540-231-5148
Fax: 540-231-3698
E-mail: Buhyoff@vt.edu

=====

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: svecbrdk@well.com (L.Svec,W.Burdick)
Subject: [19526] Re: (Sierra) Bandswitch chip?
Message-ID: <199705130643.XAA23919@smtp.well.com>

Hi Walt & Tim,

Walt wrote:

>Tim:
>Sure it could be done. [Use 4066's to band-switch
>a Sierra electronically.] If I can count correctly
>from memory, there are about 16 circuit connections
>in changing a band module. That would require four
>4066's plus more board real estate for the toroids
>and capacitors for EACH band to be covered.

Guys, you're getting into more difficult terrain than you realize. If memory serves, you cannot easily use a 4066 to switch a 35Vp-p HF signal (at the low-pass filter). Even if you could, it would have considerable loss as well as distortion, especially if you ran it on only 12V.

There are only a few ways to switch large RF signals:

1. PIN diodes

This takes about 100mA per diode at these power levels, and you'd need at least two diodes per band-pass filter. There goes the low current drain.

2. Switches

In other words, a big rotary switch: the HW8 and HW9 do it this way. There goes the small size.

3. Relays

This is expensive and draws a lot of current. Latching relays are even more expensive, but that does cut back on the current drain. But it still takes one per low-pass filter, or 9 to do 9 bands. There goes the low cost.

4. Band modules

This speaks for itself, and I'm sure you now have more insight as to why I did it this way! It's cheap, uses zero current, uses no bandswitching parts, is compact, and it only takes 5 seconds to change a module in the Sierra with practice.

Other problems:

In addition to the problem with big, low-Z signals at low-pass filter, the 4066 is not perfect at switching high-frequency, high-impedance signals. But that's what the Sierra has: the oscillator crystal runs as high as 29Mhz and the signal is small and high-Z. This and the other switched interstage signals are around 3K ohms--not 50 ohms. These signals are difficult to switch electronically due to diode or MOSFET leakage, parasitics in the RF isolation chokes, feedback due to stray coupling from long leads, etc. Believe me, I've tried all of these techniques, more than once ;) You could add gain/impedance-transformation stages everywhere in the signal path, but that would dramatically increase the size and cost of the radio.

The 4066 is fine for many RF applications if used carefully, as Ori did with the 38-Special. But you need to watch out for (and measure) the side effects: attenuation of very low-impedance signals due to nonzero ON resistance, distortion of large signals due to compression, leakage around and between IC pins, switching transients, and RF/logic circuit isolation.

So, if you want a compact, all-band QRP superhet with 30mA current drain and a \$400 price tag, band modules are still about the only game in town. If you don't mind making the case bigger and/or using dozens of RG174 cables, you can use a band switch. That's what I did in the Safari-4, a 4-band rig I designed back in 1990. It had 12 RG174 cables and many other discrete wires running from a stack of transverter boards to the switch!

That said, I hope you still have fun trying!

73,
Wayne
N6KR

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Zack Lau <zlau@arrl.org>
Subject: [19562] Re: (Sierra) Bandswitch chip?
Message-ID: <3378A2CC.417@arrl.org>

W.Burdick wrote:

> 1. PIN diodes
>
> This takes about 100mA per diode at these power levels, and you'd need at
> least two diodes per band-pass filter. There goes the low current drain.

One possibility is to use a switching power supply to more efficiently bias the diodes. It may be practical to reduce the effective current drain considerably. On the other hand, potential problems go up exponentially.

The other possibility is to daisy chain the diodes, so that both diodes use the same current (not really the same electrons, but you get the idea). The clever designer may also be able to do the same with different circuits :-).

--Zack Lau W1VT

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [19564] Re: (Sierra) Bandswitch chip?
Message-ID: <3.0.1.32.19970513132501.009a1100@mail.atl.bellsouth.net>

You could also use low current latching relays, or even just small regular-but low current-relays. I have some SIP-style relays that draw about 1-4 mA yet will handle 100VDC @ 1A (passing not switching I suspect.) Usually both available at hamfests and the like-or mailorder by the usual suspects.

72/73

Ed Tanton	N4XY	EMAIL: n4xy@bellsouth.net
189 Pioneer Trail		
Marietta, GA	30068-3466	TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC

Life Member:	ARRL	AMSAT	INDEXA	QCWA
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INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: torell@sicom.com (Kent Torell)
Subject: [19567] Re: (Sierra) Bandswitch chip?
Message-ID: <v02130501af9e5b9edbbe@[192.91.202.41]>

I was thinking about using reed switches and magnets, similar to the open door sensors. You line up a few of these switches, and pass a magnet over them to open and close. Great insertion loss/isolation, zero current draw, and real cheap... but a good/easy mechanical design has escaped me.

Kent Torell torell@sicom.com 602-607-4852

SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [19575] Re: (Sierra) Bandswitch chip?
Message-ID: <3.0.1.32.19970513151215.009e3ca0@mail.atl.bellsouth.net>

An interesting zero-current thought Kent... try epoxying the magnet to the rotating part of a rotary switch and putting the reed switches spaced every other position. Think that'll work real well for you.

At 10:59 AM 5/13/97 -0700, Kent Torell wrote:
>I was thinking about using reed switches and magnets, similar to the open
>door sensors. You line up a few of these switches, and pass a magnet over
>them to open and close. Great insertion loss/isolation, zero current draw,
>and real cheap... but a good/easy mechanical design has escaped me.
>
>
>Kent Torell torell@sicom.com 602-607-4852
>SICOM 7585 E. Redfield, #202 Scottsdale, AZ 85260
>AB70A scQRPion 6,qrp-1 57,ARCI 9075 DM33xn 33.55 N 112.078 W
>
>
>
72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663 G-QRP #6779 OK-QRP #172 QRP-L #758
AdvRC #140 NORCAL #1779 NCDXF SEDXC

Life Member: ARRL AMSAT INDEXA QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
Subject: [19513] Re: 2-element Yagis
Message-ID: <Pine.SOL.3.94.970512203051.13338E-100000@utkux4.utcc.utk.edu>

Frank,

So far, response has been on the positive side. Those interested let me know of any glitches, and those who profit are generous with thanks. So far, no one has complained about the announcements. I often use your announcements to look at new items that are of interest to me, letting the others pass as interesting to other folks. Keep up the great work at your site, which all QRPers should browse every now and then, just to keep current.

-73-

LB, W4RNL

L. B. Cebik, W4RNL	/\	/\	*	/	/	/	(Off)	(423)	974-7215
1434 High Mesa Drive	/	\	\	\	----	/\---	(Hm)	(423)	938-6335
Knoxville, Tennessee	/\	\	\	\	/	/	(FAX)	(423)	974-3509
37938-4443 USA	/	\	\	\	\				cebik@utk.edu
QRPARCI 2572	G-QRP	7203	CQC	125	NEQRP	347	NORCAL	1111	MIQRP 1432
NWQRP 401	ARRL Life:	Educational Advisor	QCWA	13211	10-10	41159			
scQRP 28	CW Ops	QRP Club (VK)	476	FISTS	2600				
URL:	http://funnelweb.utcc.utk.edu/~cebik/radio.html								

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
Subject: [19532] RE: 38s t1 2peaks ????
Message-ID: <970513070725.3323@mail09.mitre.org.0>

> After suggestions to remove turns from t1 to get the 2 peaks...I did so.
> I've gone from 20 turns to 17 and still one peak! However, the rig works
> nice...great audio...super loud using Radio Shack mono's (I jumped r24 and it
> doubled the sound).
> Question - With the rig working should I remove more turns to try to get two
> peaks...or leave it alone???

> David, KB80CC

For those playing with T1 to get the 2 peaks, it is much easier to pull out the fixed value 150pF capacitor that is in parallel with the trimmer capacitor (sorry, I don't have the schematic here and therefore can't identify it explicitly), replace it with another fixed value capacitor of, say, 100 to 120 pF, and if necessary to make additional adjustments by soldering a small value capacitor (5 to 50pF) across the 100-120 pF capacitor. Much easier than removing T1, rewinding it, and replacing it.

72 DE K1CL, Chuck.

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: cjl@mail09.mitre.org (Charles J. Ludinsky)
Subject: [19572] RE: 38s t1 2peaks ????
Message-ID: <970513144926.3323@mail09.mitre.org.0>

> After suggestions to remove turns from t1 to get the 2 peaks...I did so.
> I've gone from 20 turns to 17 and still one peak! However, the rig works
> nice...great audio...super loud using Radio Shack mono's (I jumped r24 and
> it doubled the sound).
> Question - With the rig working should I remove more turns to try to get two
> peaks...or leave it alone???
> David, KB80CC

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72 DE K1CL, Chuck.

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: rbstalker@CCGATE.HAC.COM
Subject: [19579] Re: Component suppliers
Message-ID: <9704138635.AA863554286@CCGATE.HAC.COM>

Try ELECTRONIC GOLDMINE at <http://www.goldmine-elec.com/> located in Tempe,az
mail order only, no store Lots of good stuff at good prices catalog avia.

72/73 W7GVN ROD TUCSON

Subject: Component suppliers
From: w5hir@mail.phoenix.net at CCGATE
From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: tahrens1@juno.com (Tim H. Ahrens)
Subject: [19578] Re: Do I win? Attenuator Calibration
Message-ID: <19970512.144535.9103.2.tahrens1@juno.com>

Hey Duffy - I like your number 2! It really does
work too!!

cu

Tim W5FN

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Joe Reed <reedj@execpc.com>
Subject: [19531] Re: DX QSL????
Message-ID: <Pine.GS0.3.95.970513060458.16519B-100000@earth>

On Mon, 12 May 1997 JAlexan706@aol.com wrote:

> I worked A61AN and ARRL Will not send the QSL card to him by the bureau. Does
> anyone know I should go about getting a QSL Card from him? Many thanks.
> 73
> KB0PTE
> Wayne
> QRP-L # 1058
>

Try:

Naser Fekri, PO Box 53656, Dubai, United Arab Emirates

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: jsielke@pobox.com
Subject: [19533] Re: DX QSL????
Message-ID: <E0wRFY6-00051a-00@admin.cyberenet.net>

On Mon, 12 May 1997 JAlexan706@aol.com wrote:

> I worked A61AN and ARRL Will not send the QSL card to him by the
 >bureau. Does anyone know I should go about getting a QSL Card
 >from him? Many thanks. 73
 > KB0PTE
 > Wayne
 > QRP-L # 1058

Just curious, did the ARRL say why they would not send the QSL?

	John L. Sielke n4js@amsat.org n4js@pobox.com
_ \ _ / _ _	n4js@n4js.ampr.org NJ Grid:FM29LN
. ' _ _ \ _ _ \	http://www.qsl.net/n4js
_ \ _ \ _ _ / _ _ /	NJ-QRP #57 QRP-L #884 QRP-ARCI #9328
NE-QRP #507 G-QRP #9544	Norcal #1989 QCWA FISTS

Angling: The name given to fishing by non-fishermen.

Net-Tamer V 1.08.1 - Registered

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
 From: Joe Reed <reedj@execpc.com>
 Subject: [19538] Re: DX QSL????
 Message-ID: <Pine.GS0.3.95.970513070943.26932B-100000@earth>

On Tue, 13 May 1997 jsielke@pobox.com wrote:

> > I worked A61AN and ARRL Will not send the QSL card to him by the
 >
 > Just curious, did the ARRL say why they would not send the QSL?

It would be like sending it to /dev/null :) There is no A61 bureau to send it to.

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
 From: Kr0i1@aol.com
 Subject: [19548] Re: DX QSL????
 Message-ID: <970513105134_121266322@emout16.mail.aol.com>

Hi Gang,

I've noticed several questions on DX QSLs and thought

I would pass along the following based on my experience as an ARRL zero district bureau sorter.

A6 is one of about 60 countries where ARRL does not forward QSLs, usually due to a lack of an incoming bureau similar to the ARRL operation. The ARRL outgoing bureau only forwards QSLs to countries that operate a reciprocal type QSL service. Even having a bureau is no guarantee of getting your QSL card to the station that you worked. Quite a few countries only forward cards to actual members of the organization that handle the country's QSL service. If the station is not a member, the QSL usually is returned to the originating station via his country's QSL bureau.

In the US, ARRL operates both an incoming bureau and an outgoing bureau. A US ham with envelopes on file at their district bureau will receive periodic mailings of incoming QSL cards based on the incoming volume. A US ham without envelopes on file at his district bureau may never know what "choice" QSLs he didn't receive...hi. For example, there are quite a few 5U7 cards sitting in my file from a recent expedition addressed to hams with no envelopes on file and 5U is not a common country!

If anyone has any general questions (or specific in the case of the zero bureau), I would be glad to answer any queries to kr0i1@aol.com. An inexpensive source of DXCC and QSL forwarding info is the \$2 DXCC countries list published by ARRL. It covers DXCC rules, countries not served by the ARRL bureau, local DXCC field reps to check cards for DXCC, and other odds 'n ends of DXCC info.

72/73 de Mac, KR0I

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Carol N. Wright" <cnw@HiWAAY.net>
Subject: [19582] Re: DX QSL????
Message-ID: <Pine.OSF.3.94.970513163738.27800D-100000@fly.HiWAAY.net>

On Tue, 13 May 1997 jsielke@pobox.com wrote:

> On Mon, 12 May 1997 JALexan706@aol.com wrote:
> > I worked A61AN and ARRL Will not send the QSL card to him by the
> >bureau. Does anyone know I should go about getting a QSL Card

> >from him? Many thanks. 73

> > KB0PTE

> > Wayne

> > QRP-L # 1058

>

> Just curious, did the ARRL say why they would not send the QSL?

>

Hey John and Gang,

Well the United Arab Emirates don't have a QSL Bureau. So they can't send any QSL cards to this country. It's in the DXCC Countries List book.

So I that that I'd throw that in. There are a few countries that they don't serve. Best 72/73 DE Matt, AE4JM

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: cooper@gmpvt.com (Tom Cooper)

Subject: [19546] Re: Harris DSP Chips

Message-ID: <199705131446.KAA14422@web.gmpvt.com>

Peter Anderson wrote a couple of QEX articles on Weaver Method RX and TX using the Harris chips. He lives here in Burlington, VT and I went over to his house and listened to his breadboard RX early on, when it was just barely working. The board layout is SO critical with high speed parts that a kit is the only way I would be able to even get that far!

Does anyone of a breadboard for the Analog Devices 831 mixer? FAR no gots.

Tom W1EAT

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: laura halliday <ve7ldh@direct.ca>

Subject: [19561] Re: Hookup wire!

Message-ID: <3378A08C.73FC72E9@direct.ca>

I got a couple of SCSI cables - they're several meters long, 66 conductors, stranded, colour coded - by dumpster diving. It will be some time before I need to buy hookup wire again!

These are the fat external ones. Ribbon cable is nowhere nearly as much fun. Maybe ask nicely at local computer stores?

--

Laura Halliday "C'est une femme mutine, assez elegante,
ve7ldh@direct.ca grave et legere, ayant le sens de
Grid: CN89mg de confort et de plaisir en tout."
 - C. Deneuve

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: n1pwu@juno.com (Robert K Berlyn)
Subject: [19534] Re: NE-602 source
Message-ID: <19970513.073112.3254.0.N1PWU@juno.com>

Good Morning Howie, and all:

NE 602's can be found at HB Electronics, 43 Rector St. East Greenwich,
RI 01818

E- Mail HB.Electronics@ Businessson.com

N1PWU QRP-L # 161 NE-QRP # 226
East Greenwich, RI
HTTP://www.businessson.com/HAMPARTS

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: randy_ott@juno.com (Charles R Ott)
Subject: [19551] Re: PC board layout
Message-ID: <19970513.095632.11958.0.randy_ott@juno.com>

On Tue, 13 May 1997 00:57:08 -0500 adams@chuck.dallas.sgi.com (Chuck
Adams) writes:

>

>Wanted, someone with the software and resources to lay out
>the Pixie on my web page. Hopefully we can get FAR circuits
>to do it and help lots of people experiment with a kit that
>should be under \$7 total.

>

>Let me know.

>

>dit dit

>

>Chuck Adams K5FO CP-60 adams@sgi.com

><http://reality.sgi.com/adams/>

>WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

>

>

Chuck,

It just so happens that I have been wanting to lay out a board for the Pixie with TX/RX offset and filter. I wasn't sure if there would be a problem "stepping on anybody's toes" as far as copying their design. Also, the board houses that I deal with would be too expensive unless we did a fairly large quantity. Let me know what you want and I would be glad to do it.

Charles R. (Randy) Ott
K5HJ - QRP-L #1040

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Joe Reed <reedj@execpc.com>
Subject: [19542] Re: QSL Route
Message-ID: <Pine.GS0.3.95.970513080555.11758A-1000000@earth>

On Tue, 13 May 1997, Evan Deutsch wrote:

> I worked 9K2RR Friday and can't seem to find a route for him. Anyone
> know of anything?
>
Via KU9C

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: jsielke@pobox.com
Subject: [19556] Re: Re[2]: USA QSL Bureau closing
Message-ID: <E0wRKRJ-0007n1-00@admin.cyberenet.net>

On 1997-05-13 ptaber@microtest.com said to jsielke@pobox.com
>It would be nice if contest logs could be compared for matches and
>used as evidence for awards. Again, there's no requirement that
>contesters submit logs, but you stand a better chance of getting a
>match off the log of some high profile operators than you do a QSL
>and costs could be born by the person looking for confirmations
>with no additional cost to the high-volume stations. I don't know
>that there'd be an increase in contest activity if the people who
>work the contest have a chance to get an official "confirmed" list
>back, but it's something to think about.
>But I think I've worn out my welcome in the ARRL QSL buro....

```
|_ \ | _| _| _| _| _| / _|| John L. Sielke n4js@amsat.org n4js@pobox.com  
| | . ` | _| _| || || | \ _ _| n4js@n4js.ampr.org NJ Grid:FM29LN  
|_| | \ _| _| _| \ _ _| / | _ _| http://www.qsl.net/n4js  
NE-QRP #507 G-QRP #9544 CQC CQrp Norcal #1989 QCWA FISTS #2781
```

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Paul R. Valko" <prvalko@Oakland.edu>
Subject: [19540] Re: Short Fuse - Hamvention ticket available !!
Message-ID: <Pine.OSF.3.95.970513084044.19728A-1000000@vela.acs.oakland.edu>

> but if anyone needs a hamvention ticket and can pick it up pronto in
> the Colorado Springs area, email or phone me asap. \$13 face price. I do not

73 =paul= w8kc

```
-> I'd like a nickel for every time I have tried to fix a radio
-> without having it turned on!!
```

I'd like a nickle for the times I've marveled at how dead 40m was and then suddenly realize I didn't have the antenna hooked up!

72/73

Ed Welch KF4KRV

NorCal Member #??? / 1st Grand Poobah ScQRPion of Alabama

QRP-L #873 / FISTS #2964

Luverne, Alabama : Crenshaw County - Grid EM61

PIPELINE BUNGY, Skippers Canyon, NZ

AAAAALLRRRIIIIIIGGGHHHHHTTTTTTTT!!!!!!

```

+-----+
-----+ Norcal 40a es Straight Key es Wire-wrapped Trees +-----
+-----+
                >   Isn't "time" a 4-letter word?   <

```

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997

From: Raventhorne <jelder@ix.netcom.com>

Subject: [19552] Re: Sierra ABX Mod Story

Message-ID: <2.2.16.19970513080443.31af3cae@popd.ix.netcom.com>

At 09:50 PM 5/12/1997 -0600, ED WELCH wrote:

>-> I'd like a nickel for every time I have tried to fix a radio

>-> without having it turned on!!

>

>I'd like a nickle for the times I've marveled at how dead 40m was and

>then suddenly realize I didn't have the antenna hooked up!

Rules of Engineering:

1. Is it plugged in?
2. Is it turned on?
3. Is it plugged in RIGHT?
4. Reseat the parts.

These four rules have solved 90% or so of the problems I've run across. The first two require virtually zero technical knowledge. The fourth requires very little expertise.

72,

John

@~~~~~

@ John Elder, K06TS - King Of 6 Tiny States, ex: KD6HSK, N5FFH, WB6UWL, WN6UWL

@~~~~~

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: Ed Tanton <n4xy@bellsouth.net>
Subject: [19563] Re: Simple Tuning Indicator
Message-ID: <3.0.1.32.19970513132054.00996210@mail.atl.bellsouth.net>

Hi Jim... you would be better off using an LM3914 bar graph IC as an SWR indicator. Wouldn't have to be all that complicated, and would save discerning brightness levels in sunlight.

72/73

Ed Tanton N4XY EMAIL: n4xy@bellsouth.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770)579-3933 V/MBX/FAX

QRP-ARCI #7663	G-QRP #6779	OK-QRP #172	QRP-L #758	
AdvRC #140	NORCAL #1779		NCDXF	SEDXC
Life Member:	ARRL	AMSAT	INDEXA	QCWA

INTERESTS: DX QRP BoatAnchors Test Equipment Photography
CW: 99.9% QRP: 95-100% (Mood swings!)

~~~~~  
"Think you can, think you can't: either way you're right!" Henry Ford  
~~~~~

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \((608\)) 267-3135)
Subject: [19530] Re: St. Louis Tuner
Message-ID: <009B42E82E63EAAD.193E@dnr.state.wi.us>

I am also interested in the St. Louis Tuner. If there are any others (additional ones) out there looking for homes (or as a candidate for a repeat kit), please let me know as well. As an alternate, I am planning to try Emtech's Z-match tuner but am still v. much interested in the St. Louis Tuner.

Thanks, 73 (es 72) de N9WR

Don C. Faith, (also at Faithd@worldnet.att.net)

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: adams@chuck.dallas.sgi.com (Chuck Adams)
Subject: [19545] Re: USA QSL Bureau closing
Message-ID: <199705131414.JAA10761@chuck.dallas.sgi.com>

Harvey,

Thanks for the heads up. Hate to see them close, but with the current level of lack of interest on the exchange of QSL cards it doesn't come as a complete surprise.

I know that I tried to get people to use them, but it's a sign of the times. And before anyone takes off on this thread, I am opposed to electronic QSL cards. Guess I'm old fashioned and like collecting little scraps of paper and card stock. Electronic QSLs and the idea seems so remote and isolated.

Again thanks and I don't think you'll be shot anytime soon.

dit dit

Chuck Adams K5FO CP-60 adams@sgi.com
<http://reality.sgi.com/adams/>
WIMPS: Qs=032 30m=21 17m=5 12m=0 States=19/05/00 DX=03/00/00 QSLs=012

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [19549] Re: USA QSL Bureau closing
Message-ID: <199705131457.KAA133138@nss2.CC.Lehigh.EDU>

Greetings,

- 1 - I see a need for a local bureau
- 2 - I only heard about the USA QSL Bureau about two months ago
- 3 - I think if we "get the word out" it would work

I did send in some envelopes for return QSLs
I have NOT been sending in a batch of QSL cards - my volume is very low - I have only had about 40 QSOs since last August (flame away!). I like getting my QSL cards back quickly, so I send a SASE with mine the very next morning, for the most part.

John A. Evans Chief System Administrator
Office: (719) 528-1800 x164 Titan Client/Server Technologies
Fax: (719) 528-1275 1115 Elkton Dr, Suite 200
email: jaevans@cos.cst.titan.com Colorado Springs, CO 80907-3535

Norcal #262 QRP-L #219 QRP-ARCI #8303 NE-QRP #213 CQC #045
CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: w7rfm@juno.com (John E Hirsch)
Subject: [19553] Re: USA QSL Bureau closing
Message-ID: <19970513.081534.3518.3.w7rfm@juno.com>

I agree. I like all of the different QSL cards that I have collected over the years. It is interesting to see what people put on them along with the little personal notes. The electronic QSL leaves something to be desired. I was told a long time ago that the QSL card and what you put on the front was an extension of your personality, I don't know if this is true or not but with all the different designs it is a good possibility.

John W7RFM
w7rfm@juno.com
Rainbow #328, 38s, 40-9er, NorCal. Member

On Tue, 13 May 1997 09:14:34 -0500 adams@chuck.dallas.sgi.com (Chuck Adams) writes:

>Harvey,

>

>Thanks for the heads up. Hate to see them close, but with the current
>level of lack of interest on the exchange of QSL cards it doesn't
>come as a complete surprise.

>

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>

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>
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>
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><http://reality.sgi.com/adams/>
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>
>

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997
From: "John A. Evans - N3Q00" <jaevans@cos.cst.titan.com>
Subject: [19554] Re: USA QSL Bureau closing
Message-ID: <199705131540.LAA40818@nss2.CC.Lehigh.EDU>

Greetings,

- 1 - I see a need for a local bureau
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I like getting my QSL cards back quickly, so I send a SASE with mine the very next morning, for the most part.

I love getting QSLs !!!

John A. Evans Chief System Administrator
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CQrp #15 NJ-QRP #50 AK-QRP #52 NW-QRP #454
Personal Web Page: <http://www.geocities.com/capecanaveral/9773/>

From owner-qrp-1@Lehigh.EDU Tue May 13 18:03:51 1997

From: AE0Q V31RY <v31ry@ix.netcom.com>
Subject: [19557] Re: USA QSL Bureau closing
Message-ID: <2.2.16.19970513163158.357f3982@popd.ix.netcom.com>

>Thanks for the heads up. Hate to see them close, but with the current
>level of lack of interest on the exchange of QSL cards it doesn't
>come as a complete surprise.
>

Back in March I sent a batch of cards to be forwarded, and I have some interesting numbers on who has replied to them. I sent 60 cards to people I worked in the QCWA QSO Party in Feb, and 80% of them have responded to me DIRECT! They were mostly hams of retirement age who have been licensed many, many years, and they STILL send cards to people.

The other 80 cards were almost all people I worked in a couple of QRP contests during the winter, and many of them are relatively new hams. The return rate is only 10%. It's possible some cards are still at the USA QSL Bureau, but I don't think one envelope could have 50 cards in it!

I think these numbers show that lots of newer hams don't have the excitement yet of hamming and swapping QSL cards. But as the bands get much better in the next year, I feel people will be more enthused about operating, and hopefully QSLing.

Maybe if we all e-mail the USA Bureau we can convince him to try for another year?!

73 -- Glenn

"Remember, any tool can be the right tool!" Red Green

AE0Q / V31RY ex: GM5BKC, ZB2WZ, SV0WY, WA0VPK
v31ry@ix.netcom.com --SOWP 5558-M, QCWA LM, ARRL LM, NCVA--
<http://www.qsl.net/ae0q>

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [19581] Re: USA QSL Bureau closing
Message-ID: <Pine.SUN.3.90.970513140743.283E-1000000@vortex>

Hi All,

Just goes to show that nothing comes easy in this life.

It would take many years to ever get something like this

to take off and pay it's own way.

And this is not the first time this has been tried and abandoned.

The ARRL, (remember now, I'm not an ARRL fan!), made the commitment to have a QSL Buro and they have stayed with it. And I'd be willing to bet that over the years it's been in the red often enough to make a smaller group give up!!

Even the ARRL gets an "Atta Boy" from me now and then.... :-)

Too bad about the US buro closing tho.....I was just starting to use them.

cu in "D",

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-l@Lehigh.EDU Tue May 13 18:03:51 1997
From: "Carol N. Wright" <cnw@HiWAAAY.net>
Subject: [19509] Re: [Fwd: Hookup wire?]
Message-ID: <Pine.OSF.3.94.970512175418.30835B-100000@fly.HiWAAAY.net>

On Mon, 12 May 1997, Jim Bennett wrote:

> Matt, AE4JM wrote:
> >
> > Just wandering what kind of hook up wire, like 3 or 4 conductor, that you
> > guys use for hooking up pots, etc.....
>
> Matt - a while back (last year?) someone on this list posted a note
> about Radio
> Shack selling a 25 conductor cable at about 0.15 / foot. I believe at
> the time they
<clip>
> but it is about 1/2" thick, grey plastic insulated cable. Inside are 25
> individually insulated wires. They appear to be about #22 or #24,
> multi-stranded
> wire. Each one has a different color code.
>

Hey Jim and Gang,

Well thanks a lot for the info. I think that I know what you are talking about. I was thinking more along the lines of like, maybe 3 or 4 strands of multiple color wire, like 4 different sets of wires each in it's own insulation with stranded wire inside, like Dave supplies with his kits. But I guess that this will work just as well, maybe even better Jim.

Thanks a lot, Best 72/73 DE Matt, AE4JM